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Anesthesia for Cardiac Surgery and Allied Procedures, Gomez MN 804
Anesthesia for Renal Transplantation, Allen PD 425
Anesthesia for Thoracic Procedures, Goldberg ME 912
Anesthesia for Thoracic Surgery, Bartowski RR 491
Anesthesia Machine, The, Aukburg SJ 804
Anesthesiology: A Concise Textbook, Smith TC 301
Anesthesiology and the Law, Gild WM 199
Anesthesiology Clinics of North America Volume 5, Number 1. March 1987: Out-patient Anesthesiology, Conahan TJ III 201
Applied Respiratory Physiology third Edition, Robotham JL 608
Automated Anesthesia Record and Alarm Systems, The, McDonald JS 97
Blood Transfusion in Clinical Medicine, 8th Edition, Faust RJ 911
Blood Transfusion Therapy, A Physician's Handbook, Second Edition, Ellison N 608
Brain Injury and Protection During Heart Surgery, Levy WL 492
Cardiac Anesthesia, 2nd Edition, Howie MB 202
Cardiovascular Actions of Anesthetics and Drugs Used in Anesthesia Volume 2: Regional Blood Flow and Clinical Considerations, Wong HY 95
Cardiovascular Anesthesia, Vol. 1 No 3 in Problems in Anesthesia Series, Jobs DR 609
Cardiovascular Problems in Pediatric Critical Care, Pascucci RG 908
Clinical Anesthesia Procedures of the Massachusetts General Hospital. Third Edition, Smith KW 807
Clinical Monitoring Practice, 2nd Ed, Keenan RL
Common Problems in Cardiac Anesthesia, Davis RF
ECG in Anesthesia and Critical Care, The, Lock R 805
ECG Stat: Hospital Electrocardiography in Urgent Situations, Lock R 806
EEG Atlas for Anesthesiologists, Bloom MC 609
Handbook for the Academic Physician, Orkin FK 491
Handbook of Physiology Section 3: The Respiratory System, Volume IV, Gas Exchange, Marshall BE 95
History of Blood Gas Analysis, Vol 25, No. 4, International Anesthesia Clinic, Frumin MJ 719
History of Blood Gases, The, Swedlow DB 607
International Textbook of Cardiology, The, Wong HK 300
Introduction to Anesthesia, the Principles of Safe Practice, 7th Edition, Alexander SC 910
Key Words in Anesthesiology, Meranze J 719
Malignant Hyperthermia, Kaplan RF 908
Manual of Anesthesia for Emergency Surgery, Andrews IC 300
Medical Malpractice, A Preventive Approach, Smith DA 96
Medical Management of the Surgical Patient, Second Edition, Nimmo WS 909
Neonatal Anesthesia, Costarino AT Jr 909
Neonatal blockade in Clinical Anesthesia and Management of Pain, Second Edition, Baker R 1022
Neurologic and Neurosurgical Intensive Care, 2nd Edition, Prough DS 806
New Anesthetic Drugs (Anesthesiology Clinics of North America), Gal TJ 1022
Obstetric Analgesia and Anaesthesia I & II, Cheek TG, Sauter J 423
Oxygen Transport in The Critically Ill, Chen L 203
Pediatric Cardiac Anesthesia, Hickey PR 803
Perspective in Shock Research, Miller FL 1023
- Pharmacology and Physiology in Anesthetic Practice, Howie MB 97
Physiology of Oxygen Radicals, Cohen PJ 199
Positioning in Anesthesia and Surgery, Second Edition, Murphy FL 426
Positive Airway Pressure Therapy: PPV and PEEP, Hoyt JW 910
Practical Neuroanesthesia. Anesthesia Clinics of North America, Smith DS 493
Principles and Practice of Regional Anesthesia, Korevaar W 807
Problems in Obstetric Anaesthesia, Cheek TG, Sauter J 422
Radiology for Anesthesia and Critical Care, Rosenberg H 1133
Third Report of the Victorian Consultative Council on Anaesthetic Mortality and Morbidity, 1985, Hirsch RA 492
Tribute to Professor Sir Robert Macintosh for His 90th Birthday, Greene NM 808
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